



PTO/SB/08a/b (05-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

				Complete If Known
Application Number				10/699,845
Filing Date				November 4, 2003
First Named Inventor				Sung-Su Jung
Art Unit				1762
Examiner Name				LIN, James
Sheet	1	of	1	Attorney Docket Number
				8734.248 US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/JL/	BA	Japan 10-099760	04-21-1998	TOSHIBA CORP	Eng. Abstract	
/JL/		Japan 64-059823	03-07-1989	TOSHIBA SEIKI KK	Eng. Abstract	
/JL/		Japan 2000-296354	10-24-2000	HITACHI TECHNO ENG CO LTD	Eng. Abstract	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA		

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/James Lin/	Date Considered	04/04/2007
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DC:50453637.1



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U.S. PATENT DOCUMENTS					
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	AA				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number-Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JL/	BA	JP 10-296168	11/10/1998	TOSHIBA CORP	T ⁵

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	Copy of Communication from Korean Patent Office dated July 31, 2006.			

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DC:50436790.1

INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary) PTO Form 1449		Attorney Docket No. 041993-5352	Application No.: 10/699,845
		Applicants: Sung-Su JUNG et al. Sheet 1 of 10	
		Filing Date: November 4, 2003	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
/JL/	3,978,580	09/07/1976	Leupp, et al.			09/27/1974
	4,094,058	06/13/1978	Yasutake, et al.			07/23/1976
	4,653,864	03/31/1987	Baron, et al.			02/26/1986
	4,691,995	09/08/1987	Yamazaki, et al.			07/15/1986
	4,775,225	10/04/1988	Tsuboyama, et al.			05/14/1986
	5,247,377	09/21/1993	Omeis, et al.			07/24/1989
	5,263,888	11/23/1993	Ishihara, et al.			02/11/1993
	5,379,139	01/03/1995	Sato, et al.			07/06/1992
	5,406,989	04/18/1995	Abe			10/12/1993
	5,499,128	03/12/1996	Hasegawa, et al.			03/15/1994
	5,507,323	04/16/1996	Abe			11/22/1994
	5,511,591	04/30/1996	Abe			04/10/1995
	5,539,545	07/23/1996	Shimizu, et al.			05/17/1994
	5,548,429	08/20/1996	Tsujita			06/14/1994
	5,642,214	06/24/1997	Ishii, et al.			07/05/1994
	5,680,189	10/21/1997	Shimizu, et al.			06/07/1995
▼	5,742,370	04/21/1998	Kim, et al.			02/26/1997

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INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary) PTO Form 1449 		Attorney Docket No. 041993-5352	Application No.: 10/699,845
		Applicants: Sung-Su JUNG et al.	
		Filing Date: November 4, 2003	Sheet 2 of 10 Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
/JL/	5,757,451	05/26/1998	Miyazaki, et al.			09/09/1996
	5,852,484	12/22/1998	Inoue, et al.			05/27/1997
	5,854,664	12/29/1998	Inoue, et al.			09/25/1995
	5,861,932	01/19/1999	Inata, et al.			03/30/1998
	5,875,922	03/02/1999	Chastine, et al.			10/10/1997
	5,952,676	09/14/1999	Sato, et al.			06/06/1997
	5,956,112	09/21/1999	Fujimori, et al.			10/01/1996
	6,001,203	12/14/1999	Yamada, et al.			12/10/1997
	6,011,609	01/04/2000	Kato, et al.			10/02/1997
	6,016,178	01/18/2000	Kataoka, et al.			03/14/1997
	6,016,181	01/18/2000	Shimada			01/21/1997
	6,055,035	04/25/2000	von Gutfeld, et al.			05/11/1998
	6,163,357	12/19/2000	Nakamura			09/26/1997
	6,219,126	04/17/2001	Von Gutfeld			11/20/1998
	6,226,067	05/01/2001	Nishiguchi, et al.			09/30/1998
	6,236,445	05/22/2001	Foschaar, et al.			02/22/1996
↓	6,304,306	10/16/2001	Shiomi, et al.			04/20/1998

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INFORMATION DISCLOSURE CITATION <i>O I P E</i> <i>DEC 19 2003</i> <i>Use several sheets if necessary</i> PTO Form 1449		Attorney Docket No. 041993-5352	Application No.: 10/699,845
		Applicants: Sung-Su JUNG et al. Sheet 3 of 10	
		Filing Date: November 4, 2003	Group Art Unit: Unassigned
		U.S. PATENT DOCUMENTS	

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
/JL/	6,304,311	10/16/2001	Egami, et al.			11/11/1999
↓	6,337,730	01/08/2002	Ozaki, et al.			06/01/1999
↓	6,414,733	07/02/2002	Ishikawa, et al.			02/07/2000
↓	2001/0021000	09/13/2001	Egami			02/01/2001

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation <u>YES</u> <u>NO</u>
/JL/	51-65656 ✓	06/07/1976	Japan			Abstract
↓	57-38414 ✓	03/03/1982	Japan			Abstract
↓	57-88428 ✓	06/02/1982	Japan			Abstract
↓	58-27126	02/17/1983	Japan			Abstract
↓	59-57221 ✓	04/02/1984	Japan			Abstract
↓	59-195222	11/06/1984	Japan			Abstract
↓	60-111221 ✓	06/17/1985	Japan			Abstract
↓	60-164723 ✓	08/27/1985	Japan			Abstract
↓	60-217343 ✓	10/30/1985	Japan			Abstract
↓	61-7822 ✓	01/14/1986	Japan			Abstract

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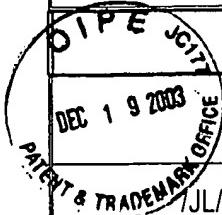
INFORMATION DISCLOSURE CITATION O 1 (Use several sheets if necessary) PCT Form 1449 DEC 19 2003 PATENT & TRADEMARK OFFICE		Attorney Docket No. 041993-5352		Application No.: 10/699,845			
		Applicants: Sung-Su JUNG et al.		Sheet 4 of 10			
		Filing Date: November 4, 2003		Group Art Unit: Unassigned			
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation	
YES	NO						
/JL/	61-55625 ✓	03/20/1986	Japan			Abstract	
	62-89025 ✓	04/23/1987	Japan			Abstract	
	62-90622 ✓	04/25/1987	Japan			Abstract	
	62-205319 ✓	09/09/1987	Japan			Abstract	
	63-109413 ✓	05/14/1988	Japan			Abstract	
	63-110425 ✓	05/14/1988	Japan			Abstract	
	63-128315 ✓	05/31/1988	Japan			Abstract	
	63-311233 ✓	12/20/1988	Japan			Abstract	
	5-127179 ✓	05/25/1993	Japan			Abstract	
	5-154923 ✓	06/22/1993	Japan			Abstract	
	5-265011 ✓	10/15/1993	Japan			Abstract	
	5-281557 ✓	10/29/1993	Japan			Abstract	
	5-281562 ✓	10/29/1993	Japan			Abstract	
	6-148657 ✓	05/27/1994	Japan			Abstract	
	6-160871 ✓	06/07/1994	Japan			Abstract	
	6-235925 ✓	08/23/1994	Japan			Abstract	
	6-265915 ✓	09/22/1994	Japan			Abstract	
	6-313870 ✓	11/08/1994	Japan			Abstract	
Examiner /James Lin/			Date Considered 04/04/2007				
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449			Attorney Docket No. 041993-5352		Application No.: 10/699,845		
			Applicants: Sung-Su JUNG et al.		Sheet 5 of 10		
			Filing Date: November 4, 2003		Group Art Unit: Unassigned		
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO
/JL/		6-51256 ✓	02/25/1994	Japan			Abstract
		7-84268 ✓	03/31/1995	Japan			Abstract
		7-128674 ✓	05/19/1995	Japan			Abstract
		7-181507 ✓	07/21/1995	Japan			Abstract
		8-95066 ✓	04/12/1996	Japan			Abstract
		8-101395 ✓	04/16/1996	Japan			Abstract
		8-106101 ✓	04/23/1996	Japan			Abstract
		8-171094 ✓	07/02/1996	Japan			Abstract
		8-190099 ✓	07/23/1996	Japan			Abstract
		8-240807 ✓	09/17/1996	Japan			Abstract
		9-5762	01/10/1997	Japan			Abstract
		9-26578 ✓	01/28/1997	Japan			Abstract
		9-61829 ✓	03/07/1997	Japan			Abstract
		9-73075 ✓	03/18/1997	Japan			Abstract
		9-73096 ✓	03/18/1997	Japan			Abstract
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449			Attorney Docket No. 041993-5352		Application No.: 10/699,845			
			Applicants: Sung-Su JUNG et al.				Sheet 6 of 10	
			Filing Date: November 4, 2003			Group Art Unit: Unassigned		
FOREIGN PATENT DOCUMENTS								
DEC 19 2003 PATENT & TRADEMARK OFFICE U.S.A.	Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO		
	9-230357 ✓	09/05/1997	Japan			Abstract		
	9-281511 ✓	10/31/1997	Japan			Abstract		
	9-311340 ✓	12/02/1997	Japan			Abstract		
	10-123537 ✓	05/15/1998	Japan			Abstract		
	10-123538 ✓	05/15/1998	Japan			Abstract		
	10-142616 ✓	05/29/1998	Japan			Abstract		
	10-177178 ✓	06/30/1998	Japan			Abstract		
	10-221700 ✓	08/21/1998	Japan			Abstract		
	10-282512 ✓	10/23/1998	Japan			Abstract		
	10-333157 ✓	12/18/1998	Japan			Abstract		
	10-333159 ✓	12/18/1998	Japan			Abstract		
	11-14953 ✓	01/22/1999	Japan			Abstract		
	11-38424 ✓	02/12/1999	Japan			Abstract		
	11-64811 ✓	03/05/1999	Japan			Abstract		
11-109388 ✓	04/23/1999	Japan			Abstract			
11-133438 ✓	05/21/1999	Japan			Abstract			
11-142864 ✓	05/28/1999	Japan			Abstract			
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Attorney Docket No. 041993-5352	Application No.: 10/699,845
		Applicants: Sung-Su JUNG et al. Sheet 7 of 10	
PTO Form 1449		Filing Date: November 4, 2003	Group Art Unit: Unassigned



FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation YES NO
JL/	11-174477 ✓	07/02/1999	Japan			Abstract
	11-212045 ✓	08/06/1999	Japan			Abstract
	11-248930 ✓	09/17/1999	Japan			Abstract
	11-326922 ✓	11/26/1999	Japan			Abstract
	11-344714	12/14/1999	Japan			Abstract
	2000-2879	01/07/2000	Japan			Abstract
	2000-56311	02/25/2000	Japan			Abstract
	2000-66165	03/03/2000	Japan			Abstract
	2000-137235	05/16/2000	Japan			Abstract
	2000-147528	05/26/2000	Japan			Abstract
	2000-193988	07/14/2000	Japan			Abstract
	2000-241824	09/08/2000	Japan			Abstract
	2000-284295	10/13/2000	Japan			Abstract
	2000-29035 ✓	01/28/2000	Japan			Abstract
	2000-292799	10/20/2000	Japan			Abstract
	2000-310759	11/07/2000	Japan			Abstract
✓	2000-310784 ✓	11/07/2000	Japan			Abstract

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		Applicants: Sung-Su JUNG et al.	
		Filing Date: November 4, 2003	Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
						YES	NO
DEC 19 2003 /JL/ U.S. PATENT & TRADEMARK OFFICE	2000-338501	12/08/2000	Japan			Abstract	
	2001-5401	01/12/2001	Japan			Abstract	
	2001-5405	01/12/2001	Japan			Abstract	
	2001-13506	01/19/2001	Japan			Abstract	
	2001-33793	02/09/2001	Japan			Abstract	
	2001-42341	02/16/2001	Japan			Abstract	
	2001-51284	02/23/2001	Japan			Abstract	
	2001-66615	03/16/2001	Japan			Abstract	
	2001-91727	04/06/2001	Japan			Abstract	
	2001-117105 V	04/27/2001	Japan			Abstract	
	2001-117109	04/27/2001	Japan			Abstract	
	2001-133745	05/18/2001	Japan			Abstract	
	2001-133794 V	05/18/2001	Japan			Abstract	
	2001-133799	05/18/2001	Japan			Abstract	
	2001-142074	05/25/2001	Japan			Abstract	
	2001-147437	05/29/2001	Japan			Abstract	
V	2001-154211	06/08/2001	Japan			Abstract	

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Attorney Docket No. 041993-5352	Application No.: 10/699,845
		Applicants: Sung-Su JUNG et al. Sheet 9 of 10	
PTO Form 1449		Filing Date: November 4, 2003	Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	2001-166272	06/22/2001	Japan			Abstract	
	2001-166310	06/22/2001	Japan			Abstract	
	2001-183683	07/06/2001	Japan			Abstract	
	2001-201750	07/27/2001	Japan			Abstract	
	2001-209052	08/03/2001	Japan			Abstract	
	2001-209060	08/03/2001	Japan			Abstract	
	2001-215459	08/10/2001	Japan			Abstract	
	2001-222017	08/17/2001	Japan			Abstract	
	2001-235758	08/31/2001	Japan			Abstract	
	2001-255542	09/21/2001	Japan			Abstract	
	2001-264782 V	09/26/2001	Japan			Abstract	
	2001-272640	10/05/2001	Japan			Abstract	
	2001-281675	10/10/2001	Japan			Abstract	
	2001-281678	10/10/2001	Japan			Abstract	
	2001-282126	10/12/2001	Japan			Abstract	
V	2001-305563	10/13/2001	Japan			Abstract	
	2001-330837	11/30/2001	Japan			Abstract	
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INFORMATION DISCLOSURE CITATION

Attorney Docket No.
041993-5352

Application No.: 10/699,845

(Use several sheets if necessary)

Applicants: Sung-Su JUNG et al.

Sheet 10 of 10

PTO Form 1449

Filing Date: November 4, 2003

Group Art Unit: Unassigned

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	
					YES	NO
2001-330840 ✓	11/30/2001	Japan			Abstract	
2001-356353 ✓	12/26/2001	Japan			Abstract	
2001-356354 ✓	12/26/2001	Japan			Abstract	
2002-14360 ✓	01/18/2002	Japan			Abstract	
2002-23176 ✓	01/23/2002	Japan			Abstract	
2002-49045 ✓	02/15/2002	Japan			Abstract	
2002-82340 ✓	03/22/2002	Japan			Abstract	
2002-90759 ✓	03/27/2002	Japan			Abstract	
2002-90760 ✓	03/27/2002	Japan			Abstract	
2002-107740 ✓	04/10/2002	Japan			Abstract	
2002-122872 ✓	04/26/2002	Japan			Abstract	
2002-122873 ✓	04/26/2002	Japan			Abstract	
2002-139734	05/17/2002	Japan			Abstract	
2002-202512	07/19/2002	Japan			Abstract	
2002-202514	07/19/2002	Japan			Abstract	
2002-214626	07/31/2002	Japan			Abstract	
2000-0035302	06/26/2000	Korea			Abstract	
1 003 066	05/24/2000	Europe				

Examiner /James Lin/

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